



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	09/379,074-Conf. #9840
				Filing Date	August 23, 1999
				First Named Inventor	Richard L. Thibault
				Art Unit	2142
				Examiner Name	T. H. Vu
Sheet	1	of	1	Attorney Docket Number	102314-0095

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/T.V./	US-6,108,662	08/22/2000	Hoskins et al.		
/T.V./	US-6,139,177	10/31/2000	Venkatarman et al.		
/T.V./	US-6,151,625	11/21/2000	Swales et al.		
/T.V./	US-5,291,390	03/01/1994	Satou		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
/T.V./	WO98/29804		09/07/1998	Nagai et al.	

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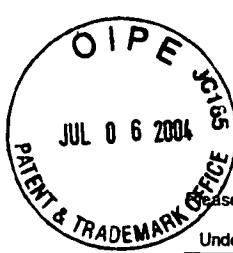
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Form PTO-1449 (Rev. 8-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE						ATTY. DOCKET NO: 0102314-00095	APPLICATION NO: 09/379,074				
JUL 06 2004 U.S. PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)								APPLICANT(S): Thibault, et al					
								FILING DATE: 8/23/99	GROUP ART UNIT: 2152				
U.S. PATENT DOCUMENTS													
EXAMINE R INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLA SS	FILING DATE IF APPROPRIAT E*			
/T.V./		6	4	0	5	0	9	9	6-11-02	Nagai et al.	700	159	
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLA SS	TRANSLATIO N			
/T.V./		WO 98/29804				7-9-98	PCT			YES	NO		
										No			
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/379,074-9840
				Filing Date	August 23, 1999
				First Named Inventor	Richard L. Thibault
				Group Art Unit	2152
				Examiner Name	Vu, T.
Sheet	1	of	1	Attorney Docket Number	102314-0095

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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/T.V./	B	Gaines, B.R. et al. "Mediator: an Intelligent Information System Supporting the Virtual Manufacturing Enterprise," IEEE © 1995 (XP 000586326) pp. 964-969.		
/T.V./	C	Goldammer, G. "HTML-script calls Java-applet...a new development technique under a software- and applications-technology configuration," IM Information Management vol. 11, no. 3 (2 Aug. 1996) pp. 6 – 14, IDG Communications Verlag, Germany (abstract).		

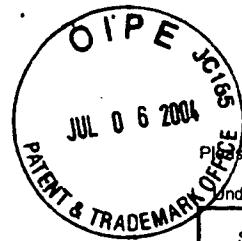
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1	Attorney Docket Number	102314-0095
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Group Art Unit	2152
Examiner Name	Vu, T.

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/T.V./	A	5975737		Crater et al.	11-02-1999	
/T.V./	B	6061603		Papadopoulos et al.	05-09-2000	
/T.V./	C	6139177		Venkatraman et al.	10-31-2000	
/T.V./	D	6151625		Swales et al.	11-21-2000	

### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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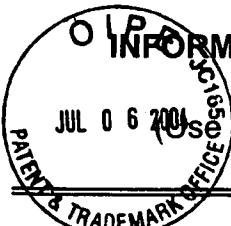
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Applicant: Thibault, et al

Filing Date: 8/23/1999 Group: 2756

**U.S. PATENT DOCUMENTS**

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date		
/T.V./	5,805,442	Crater, et al	9/8/98		

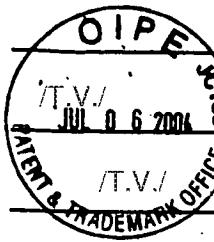
**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

**OTHER DOCUMENTS**

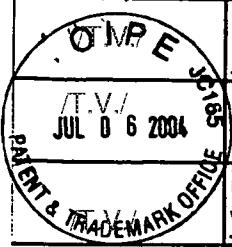
/T.V./	"Agenda," ISA/SP50--1988-180, ISA Draft.
/T.V./	Application of PRIAM Model to Safety Systems on Offshore Oil/Gas Platforms. Silvertech Ltd., January 9, 1995.
/T.V./	"Automation System Monitors, Controls Fab HVAC, Other Systems," <u>Microcontamination</u> (August 1994).
/T.V./	"Background Info on Mercury Project."
/T.V./	Batch Control. Part I: Models and Terminology. (Approved February 28, 1995) ISA-S88.01 1995.
/T.V./	Benkhallat, Yazid, et al. "Interoperability of sensors and distributed systems," <u>Sensors and Actuators A</u> Vol. 37-38 (1993), 247-254.
/T.V./	Blevins, Terry. "Characteristics of Function Block Requirements for the Process Industry and Manufacturing Automation," Fisher-Rosemount, October 31, 1995.
/T.V./	Brumm, P. "Collision Avoidance for Two Robots Sharing a Common Workspace," (1995) The Institution of Electrical Engineers.
/T.V./	Burton, P. I. "A personal history of batch control," <u>Measurement + Control</u> Vol. 27 (April 1994), pp. 69-73.
/T.V./	Burton, P. I., et al. "Field Bus Based on MIL-STD-1553B: Proposal to ISA-SP-50" ERA Technology Ltd. (April 6, 1988) ISA/SP50-1988-148.
/T.V./	Capetta, L., et al. "From Current Actuators and Transmitters Towards Intelligent Actuation and Measurement: PRIAM Approach," BIAS 93.
/T.V./	Caro, Richard H. "Field Bus Applications," ISA (1989) Paper #89-0569, pp. 989-994.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



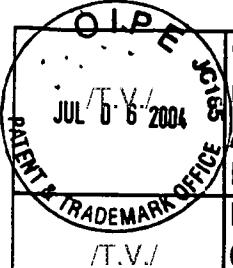
/T.V./	Caro, Richard H. "The Fifth Generation Process Control Architecture," ISA (1988) Paper #88-1487, pp. 659-667.
/T.V./	Caro, Richard H. "The Fifth Generation Process Control Architecture," <u>ISA Transactions</u> , Vol. 28 No. 4 (1989), pp. 23-28.
/T.V./	Chettle, Tim. "Multiplexing techniques optimise data collection," <u>Electrotechnology</u> (October/November 1995).
/T.V./	Coleman, Vernon. "National Electrical Manufacturers Association Field Bus Report to ISA SP50," (October 1988) ISA/SP50-1988-234.
/T.V./	Conference Record of the 1993 IEEE Industry Applications Conference, Part III (excerpt).
/T.V./	Contents, Proceedings of the Second International Workshop on Configurable Distributed Systems, March 21-23, 1994, Pittsburgh, PA.
/T.V./	Control Technology Corp. News Releases, pp. 1-26.
/T.V./	Craig, Lynn W. "SP-88 Defines Batch Control," <u>INTECH</u> March 1994, pp. 34-37.
/T.V./	Crowder, R. S. "A Communication Architecture for Automation & Control," ISA, pp. 669-673.
/T.V./	Crowder, R. S.. "Generic Data Link Transactions for Simple Devices," Proposal to ISA SP 50 & IEC/SC65C/WG6 (October 15, 1988) ISA Document.
/T.V./	Crowley-Milling, et al, eds. "Proceedings," 1995 International Conference on Accelerator and Large Experimental Physics Control Systems, Chicago, IL October 30 - November 3, 1995, [cover pages].
/T.V./	Delahostria. Communication Model Application Layer. (October 14, 1988) ISA/SP50-1988 247, ISA Draft.
/T.V./	Delfino, B. and Pinceti, P. "Fieldbus Applications for Electrical Industrial Systems," <u>IEEE</u> (1993), pp. 2084-2090.
/T.V./	Dezso, Danyi. "Halozati szabalyozas," <u>Meres es Automatika</u> Vol. 37 (1989), pp. 208-213.
/T.V./	Dryden, Patrick. "Tribes webmanage enables remote fixes," <u>Computerworld</u> (May 22, 1995), pg. 14.
/T.V./	Editing Committee Draft Application Layer, Version 6, December 1990
/T.V./	Editing Committee Draft Application Layer, Version 8, May 1991
/T.V./	Editing Committee Draft Application Layer, Version 12, October 1991
/T.V./	Esprit Project 6188, "PRIAM Dictionary: Major Terms and Definitions Used in the PRIAM Project," Prenormative Requirements for Intelligent Actuation and Measurement, May 1995.
/T.V./	Esprit Project 8244, "User Requirements for Intelligent Transmitters and Actuators," European Intelligent Actuation and Measurement User Group, November 24, 1995.
/T.V./	Fieldbus Standard for Use in Industrial Control Systems. Part 2: Physical Layer Specification and Service Definition. (1992) ANSI/ISA-S50.02.
/T.V./	Foxboro Fieldbus Proposal (Presented to ISA SP-50 Committee February 24, 1988) ISA/SP50-1988-123B, ISA Draft.
/T.V./	Furness, Harry. "Fieldbus: The Differences Start From the Bottom Up," <u>Control Engineering</u> (March 1994), pp. 75-77.
/T.V./	Greene, Tim. "Sahara puts Java to Management Test," <u>Network World</u> Vol 13, No. 7 (Feb. 12, 1996).
/T.V./	Holding, David and Wood, Graham. "Communications in microprocessor industrial implementation," <u>Microprocessors and Microsystems</u> Vol. 3 No. 10 (December 1979), pp. 443-451.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



 /T.V./ JUL 6 2004	<p>Johnson, Dick. "Pressure Sensing Advances: Are They in Your Process' Future?" <u>Control Engineering</u> (April 1995), pp. 67-72.</p>
/T.V./	<p>Kelly, D. Mark. "Digital fieldbus cluster cuts plant's wiring costs up to 20%," <u>INTECH</u> (April 1995), pp. 62-64.</p>
/T.V./	<p>Ko, Diffu. "Trobe [sic] defines net management role for Web browser software," <u>Network World</u> (May 22, 1995) p. 14.</p>
/T.V./	<p>Koth, H. and Oeder, K. "The Advantages of Intelligent Field Modules for Nuclear Power Plant Operation and Maintenance," <u>Kerntechnik</u> 60 (1996) 5-6, pp. 215-219.</p>
/T.V./	<p>Lenhart, Gerald W. "A Field Bus Approach to Local Control Networks," ISA, Paper #93-281 1993.</p>
/T.V./	<p>Lenhart, Gerald W. "Fieldbus-Based Local Control Networks," <u>INTECH</u> (August 1994), p. 31-34.</p>
/T.V./	<p>Loose, Graham. "Fieldbus -- the user's perspective," <u>Measurement + Control</u> Vol 27 (March 1994), pp. 47-51.</p>
/T.V./	<p>Meeting Minutes, SP50, International Electrotechnical Commission, Technical Committee No. 65: Industrial-Process Measurement and Control, Sub-Committee 65C: Digital Data Communications for Measurement and Control and Working Group 6: Field Bus Standard for Use in Industrial Control Systems, February 28 - March 4, 1988, Scottsdale, AZ.</p>
/T.V./	<p>Meeting Minutes, SP50.4 Application Layer, October 19-21, 1988, Houston, TX</p>
/T.V./	<p>Meeting Minutes, Windows Working Group of Application Subcommittee, March 1-3, 1989, New Orleans, LA</p>
/T.V./	<p>Meeting Minutes, Ad Hoc Function Block Meeting, June 14, 1990, Chapel Hill, NC</p>
/T.V./	<p>Meeting Minutes, SP50, Signal Compatibility of Electrical Instruments, December 5-7, 1990, Orlando, FL</p>
/T.V./	<p>Meeting Minutes, Process Control Working Group of SP50.4, January 21-23, 1991, Atlanta, GA</p>
/T.V./	<p>Meeting Notes, International Electrotechnical Commission Sub Committee No. 65C: Digital Communications Working Group 7, Process Control Function Blocks Report to AMT/7. April 4, 1996.</p>
/T.V./	<p>Mirabella, Orazio. "A Short Presentation of IEC Fieldbus Application Layer," Informatics and Communication Institute, Engineering Faculty, University of Catania, Italy.</p>
/T.V./	<p>"Mitsubishi licenses Sun's Java tool," <u>Electronic Engineering Times</u> (Dec. 11, 1995) p. 29.</p>
/T.V./	<p>Momal, F., et al. "Using World-Wide-Web for Control Systems," AT Division CERN, 1211 Geneva 23 [no date].</p>
/T.V./	<p>Morel, G., et al. "Discrete Event Automation Engineering: Outline of the PRIAM Project."</p>
/T.V./	<p>"NCR Fieldbus Slave Controller Advance Information," ISA-SP50-1988-161, ISA Draft.</p>
/T.V./	<p>NOAH: Network Oriented Application Harmonisation based on General Purpose Field Communication System. Project description rev. 1.0, October 25, 1995. P-NET, PROFIBUS, WorldFIP.</p>
/T.V./	<p>Nobuhiko, Tsuji, et al. "An Advanced Optical Fieldbus Instrumentation System Using 16 x 16 Reflection Type Optical Star Coupler and Low Powered Transmitter," pp. 755-764.</p>
/T.V./	<p>"On-line Vending Machine and Catalog Product Icons," <u>IBM TDB</u> Vol. 38, No. 4 (April 1995) pp. 113-116.</p>
/T.V./	<p>Output to Valve, Revision No. 1.4, January 18, 1991, (Draft Document), Instrument Society of America</p>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



A

to

JUL 6 2004 /T.V./	Owen, S., et al. "A modular reconfigurable approach to the creation of flexible manufacturing cells for educational purposes," <u>Fast Reconfiguration of Robotic and Automation Resources</u> (Colloquium) October 20, 1995, The Institution of Electrical Engineers, Digest No. 95/174.
/T.V./	Pace, Hugh W. "Valve Actuators Ready for Fieldbus," <u>Control Engineer</u> (October 1995), pp. 65-73.
/T.V./	Petti, Thomas F. and Dhurjati, Prasad S. "A Coupled Knowledge Based System Using Fuzzy Optimization for Advisory Control," <u>IChE Journal</u> Vol. 38 (September 1992) No. 9, pp. 1369-1378.
/T.V./	Pfeifer T. and Fussel B. "Sensorbetriebssystem fur messtechnische Problemstellungen in der Produktionstechnik," <u>Technisches Messen</u> Vol. 58 (1991) Nos. 7/8.
/T.V./	Phinney, Thomas L. "An Analysis of Contending Proposals in ISA SP-50 for an ISA/IEC Field Instrument Bus," ISA (1988) Paper #88-1489.
/T.V./	Preface: Field Bus Process Control User Layer Technical Support, February 10, 1993.
/T.V./	Product Specification, I/A Series ® RBATCH II.
/T.V./	PROWAY-LAN Industrial Data Highway. (Approved February 3, 1986) ISA--S72.01-1985.
/T.V./	"Radio Field Bus," ISA/SP50-1988-184, ISA Draft.
/T.V./	Redman, Jun, et al. "Intranet and the internal Web server: A standard user interface for integrating manufacturing applications," Proceedings of the Industrial Computing Conference, vol. 6, no. 1 (1996).
/T.V./	Report from IEC TC65 Working Group 6 Function Blocks, May 1, 1995.
/T.V./	Schuur, C. "Comments on 'Analysis and Suggestions for ISA-SP50' as submitted to the SP50 Committee by Honeywell Inc." (March 11, 1988) ISA-SP50-1988-155, ISA Draft.
/T.V./	Schuur, Chris and Warrior, Jay. "Philips Token Passing Field Bus Controller Timed Token Mode," ISA/SP50-1988-186, ISA Draft.
/T.V./	"SDRD Using 1553B Data Link Services," ISA/SP50-1988-243 (1988).
/T.V./	Skabowski, E. L. "Recommendations for Consideration at October , 1988 Application Layer Subcommittee Meeting," (October 3, 1986).
/T.V./	Smith, Chris. "Tektronix Pushes Ease-of-Use and Low Cost of Operation With Its New Phaser® Color Laser Printer," comp.newprod forum (Jan. 11, 1996).
/T.V./	Solvie, Michael J. "Configuration of Distributed Time-Critical Fieldbus Systems," <u>IEEE</u> (1994), p. 211.
/T.V./	Strothman, Jim and Ham, John. "Alliances, Fieldbus, Windows Stir ISA/94 Anaheim Pot," <u>INTECH</u> (December 1994), pp. 32-35.
/T.V./	Strothman, Jim and Ham, John. "ISA/95 New Orleans: 'Open', NT winds (not Opal) blow strong," <u>INTECH</u> (November 1995), pp. 45-48.
/T.V./	"Suggested Outline for Application Sub-committee Document: Fieldbus Architecture Subcommittee Document," ISA/SP50-1988-175, ISA Draft.
/T.V./	Table of Contents, Automation & Technology Department, 1995.
/T.V./	Table of Contents, Automation & Technology Department, 1993.
/T.V./	Table of Contents, Industrial Computing Society (no date).
/T.V./	Table of Contents, Proceedings of the Industrial Computing Conference, Vol. 3, September 19-24, 1993, Chicago, IL. Industrial Computing Society.
/T.V./	[Table of Contents], Proceedings of the 20th International Conference on Industrial Electronics Control and Instrumentation, Vols. 1-3, September 5-9, 1994, Bologna, Italy.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



/T.V./	[Table of Content], Proceedings of the 7th Mediterranean Electrotechnical Conference, Vol. 1, April 12-14, Antalya, Turkey.
/T.V./	Table of Contents, ISA/88, Houston, MA, (no date).
/T.V./	Table of Contents, ISA/89, (no date).
/T.V./	Taylor, Ken, et al. "A Telerobot on the World Wide Web," Presented at the 1995 National Conference of the Australian Robot Association, Melbourne, (July 5-7, 1995).
/T.V./	Tobin, David. "Southeast Paper Installs Largest Foxboro Distributed Control System."
/T.V./	"User Layer Structure," SP-50 Technical Report (July 25, 1990).
/T.V./	"User Layer Technical Report," ISA/SP50-1990-389C, ISA Draft.
/T.V./	Weinert, A., et al. "RT/OS -- realtime programming and application environment for the COSY control system," <u>Nuclear Instruments and Methods in Physics Research A</u> Vol. 352 (1994), pp. 277-279.
/T.V./	WG1 List of Criteria (Appendix 1), (October 21, 1988) ISA/SP50-1988-242, ISA Draft.
/T.V./	Wood, G. G. "The Argus CONSUL System for On-Line Computer Control," <u>Electrical Engineering Transactions</u> (March 1969), pp. 114-118.
/T.V./	Wood, G. G. "The Challenge of Standards for Plant Communication," IFAC Distributed Computer Control Systems (1982), pp. 191-192.
/T.V./	Wood, G. G. "Current Fieldbus activities," <u>computer communications</u> Vol 11 (June 1988) No. 3, pp. 118-123.
/T.V./	Wood, Graeme G. "Data Transmission, Processing and Presentation," pp. 46-54.
/T.V./	Wood, G. G. "Evolution of communication standards for the process industry," <u>Measurement + Control</u> Vol. 19 (July/August 1986), pp. 183-188.
/T.V./	Wood, Graeme. "Fieldbus Status 1995," <u>Computing &amp; Control Engineering Journal</u> (December 1995), pp. 251-253.
/T.V./	Wood, Graeme. "Generic Link Transactions for Simple Devices in Fieldbus." ISA/SP50--1988-240 (September 20, 1988).
/T.V./	Wood, Graeme, G. "Standardisation Work for Communication Among Distributed Industrial Computer Control Systems - A Status Report," INRIA (1984), pp. 67-69.
/T.V./	Wood, G. G. "Survey of LANs and Standards," <u>Computer Standards &amp; Interfaces</u> Vol. 6 (1987), pp. 27-36.
/T.V./	Wood, G. G. "Towards digital information control," <u>Measurement + Control</u> Vol. 21 (July/August 1988), pp. 179-180.
/T.V./	

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;  
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Application Number	09/379,074-9840
Filing Date	August 23, 1999
First Named Inventor	Richard L. Thibault
Group Art Unit	2756
Examiner Name	Not Yet Assigned
Attorney Docket Number	102314-0095

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
A	4,897,777			Janke et al	01-30-1990	
B	4,918,690			Markkula, Jr. et al	04-17-1990	
C	5,122,948			Zapolin	06-16-1992	
D	5,131,092			Sackmann et al	07-14-1992	
E	5,151,978			Bronikowski et al	09-29-1992	
F	5,159,673			Sackmann et al	10-27-1992	
G	5,245,704			Weber et al	09-14-1993	
H	5,297,143			Fridrich et al	03-22-1994	
I	5,307,463			Hyatt et al	04-26-1994	
J	5,490,276			Doli, Jr. et al	02-06-1996	
K	5,598,536			Slaughter, III et al	01-28-1997	
L	5,664,101			Picache	09-02-1997	
M	5,732,218			Bland et al	03-24-1998	
N	5,737,529			Dolin, Jr. et al	04-07-1998	
O	5,742,762			Scholl et al	04-21-1998	
P	5,752,246			Rogers et al	05-12-1998	
Q	5,754,772			Leaf	05-19-1998	
R	5,764,906			Edelstein et al	06-09-1998	
S	5,768,510			Gish	06-16-1998	
T	5,774,670			Montulli	06-30-1998	
U	5,801,770			Paff et al	09-01-1998	
V	5,805,442			Crater et al	09-08-1998	
W	5,831,669			Adrain	11-03-1998	
X	5,844,601			McPheeley et al	12-01-1998	
Y	5,847,957			Cohen et al	12-08-1998	
Z	5,874,990			Kato	02-23-1999	
AA	5,880,775			Ross	03-09-1999	
AB	5,930,768			Hooban	07-27-1999	
AC	5,956,487			Venkatraman et al	09-21-1999	
AD	5,975,737			Crater et al	11-02-1999	
AE	5,982,362			Crater et al	11-09-1999	
AF	6,061,603			Papadopoulos et al	09-09-2000	

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				<b>Group Art Unit</b>	2756
				<b>Examiner Name</b>	Not Yet Assigned
(use as many sheets as necessary)					
Sheet	2	of	7	Attorney Docket Number	
102314-0095					

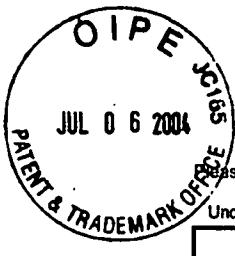
## **FOREIGN PATENT DOCUMENTS**

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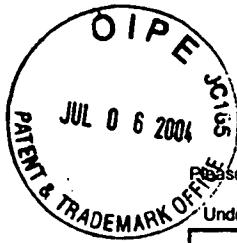
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	AK	"Tribe Computer Works' Net Products Can be Managed via World Wide Web," IAC (SM) Newsletter Database ™, DataTrends Publications, Inc., No. 11, Vol. 7, May 30, 1995.		
	AL	"Briefs," Network World, May 29, 1995, p. 19.		
	AM	Wilder, Clinton, "Network Management; Russing Nets Via The Web – Tribe's WebManage uses popular interface," InformationWeek, May 29, 1995, p. 62.		
	AN	"Pipeline; Announced," InfoWorld, May 29, 1995, p. 45.		
	AO	Bernard, Viki, "Remote-access ware emerge; Shiva, Nortel, and Tribe leading list of innovators," PCWeek, No. 21, Vol. 12, May 29, 1995, p. 47.		
	AP	"Tribe Announces Revolutionary Use of the Internet; Launches Innovative Remote Management Solution; New WebManage Technology Provides Network Management via World Wide Web," Business Wire, May 22, 1995.		
	AQ	"Tribe Launches First Networking Device Capable of Being Managed via Internet Web Browser; TribeLink2 Enables Remote Computing and Internet Access," Business Wire, May 22, 1995.		
	AR	Dryden, Patrick, "Tribes WebManage Enables Remote Fixes," ComputerWorld, May 22, 1995, p. 14.		
	AS	Ko, Diffu, "Trobe defines net management role for Web browser software," Network World, May 22, 1995, p. 14.		
	AT	"Tour an actual TribeLink via WebManage," web page print-out from <a href="http://www.tribe.com/products/webmanage/quick_view.htm">http://www.tribe.com/products/webmanage/quick_view.htm</a> . (1 page)		
	AU	"Tribe Launches Innovative Remote Management Solution; New WebManage Technology Provides Network Management Via the World Wide Web," web page print-out (7/12/99) from <a href="http://www.tribe.com/products/webmanage/wm_pr.htm">http://www.tribe.com/products/webmanage/wm_pr.htm</a> . (1 page)		
	AV	"TribeRoute," web page print-out (7/12/99) from <a href="http://www.tribe.com/products/tr/index.htm">http://www.tribe.com/products/tr/index.htm</a> . (3 pages)		
	AW	"TribeStar," web page print-out from <a href="http://www.tribe.com/products/tribestar/index.htm">http://www.tribe.com/products/tribestar/index.htm</a> (3 pages).		
	AX	Pappalardo, Denise, "Router Can Be Managed via Net," InternetWeek, May 22, 1995, p. 6.		
	AY	Rodriguez, Karen, "Tribe sets software," Interactive Age, Vol. 2, No. 15, May 22, 1995, p. 25.		
	AZ	Welch, Nathalie, "Tribe to manage via Web; Tribe Computer Works Inc.'s TribeLink2 Product Announcement," MacWEEK, Vol. 9, No. 21, May 22, 1995, P. 18.		
	BA	Pappalardo, Denise, "Digi Introduces IP/IPX Router," InternetWeek, April 24, 1995, p. 15.		
	BB	"WWWF'94: Papers Received," web page print-out (4/7/2000) from <a href="http://www.ncsa.uiuc.edu/SDG/IT94/Agenda/Papers-received.html">http://www.ncsa.uiuc.edu/SDG/IT94/Agenda/Papers-received.html</a> (8 pages).		
	BC	Elmer-Dewitt, Philip, "Snowballs in Cyberspace; With a modem and a soldering iron, you too can build an Internet site that is really cool and totally useless," Time, January 16, 1995, p. 57.		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



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PTO/SB/08B (08-00)

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Application Number 09/379,074-9840

Filing Date August 23, 1999

First Named Inventor Richard L. Thibault

Group Art Unit 2756

Examiner Name Not Yet Assigned

Attorney Docket Number 102314-0095

	BD	Scharf, Ronald, et al, "Using Mosaic for Remote Test System Control Supports Distributed Engineering," Institute of Computer-Aided Circuit Design – Test and Testsystems Division, University of Erlangen-Nurnberg, Germany, web page print-out from <a href="http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/CSCW/scharf/scharf.html">http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/CSCW/scharf/scharf.html</a> (8 pages)	
	BE	Cox, Mark J. and Baruch, Dr. John E. F. "Robotic Telescopes: An Interactive Exhibit on the World-Wide Web," web page print-out from <a href="http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/Museum/cox/markcox.html">http://www.ncsa.uiuc.edu/SDG/IT94/Proceedings/Museum/cox/markcox.html</a> (11 pages)	
	BF	Gleick, James. "Fast Forward; Really Remote Control," The New York Times, Section 6, Column 3, Page 42, December 3, 1995.	
	BG	Silverman, Dwight. "'Attaboy' for the best software and hardware of 1994," The Houston Chronicle, December 25, 1994, Pg. 2.	
	BH	Browne, Malcolm W. "South Pole Ready for Internet Revolution," The New York Times, Section C, Column 1, Page 1, January 10, 1995.	
	BI	Wolfe, Alexander, "Strong Brew," Electronic Engineering Times, April 8, 1996, Pg. 73.	
	BJ	"Special Topic: PC-Based Control," A Supplement to Software Strategies, pp. 3-5, 7-8, 10-15, 20-21.	
	BK	Momal, F. and Pinto-Pereira, C. "Using World-Wide-Web for Control Systems," from Proceedings 1995 International Conference on Accelerator and Large Experimental Physics Control Systems, Chicago, IL, October 30-November3, 1995.	
	BL	"The 'Only' Coke Machine on the Internet," web page print-out (2/12/99) from <a href="http://www.cs.cmu.edu/~coke/history_long.txt">http://www.cs.cmu.edu/~coke/history_long.txt</a> (3 pages).	
	BM	"CMU SCS Coke Machine: Current Status," web page print-out (2/12/99) from <a href="http://www.cs.cmu.edu/~coke/">http://www.cs.cmu.edu/~coke/</a> (1 page).	
	BN	"The Switzerland Coke Machine Credits," web page print-out (2/12/99) from <a href="http://www-swiss.ai.mit.edu/htbin/coke/">http://www-swiss.ai.mit.edu/htbin/coke/</a> (1 page).	
	BO	"Peter Beebee's Home Page," web page print-out (2/12/99) from <a href="http://www-swiss.ai.mit.edu/htbin/ptbbgate/jwz/?fetch+personal%2Fmain.text.html">http://www-swiss.ai.mit.edu/htbin/ptbbgate/jwz/?fetch+personal%2Fmain.text.html</a> (2 pages)	
	BP	"bsy's List of Internet Accessible Coke Machines," web page print-out (2/12/99) from <a href="http://www-cse.ucsd.edu/users/bsy/coke.html">http://www-cse.ucsd.edu/users/bsy/coke.html</a> (1 page).	
	BQ	"Disk Drive with Embedded Hyper-Text Markup Language Server," IBM TDB, Vol. 38, n. 12, December 1995, pp. 479-480.	
	BR	Leon, Mark, "Tektronix to add Web software on new printers," InfoWorld, December 4, 1995, p. 6.	
	BS	"I/A Series Model 51 FoxRemote II Installation and Configuration Guide," April 8, 1998 (Preliminary), pp. i-iv, 1-2.	
	BT	"New State-Logic Microcontroller," News Release, Control Technology Corp., June 1, 1996, (DialogWeb search result).	
	BU	"NEW at IPC/92! Ethernet link provides Global PLC Registers," News Release, Control Technology (US), November 20, 1992, (DialogWeb search result).	
	BV	"NEW at IPC/92! High-Capacity Integrated Motion Controller," News Release, Control Technology (US) November 20, 1992, (DialogWeb search result).	
	BW	"Dual-Axis Servo Module for Small Controller," News Release, Control Technology	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



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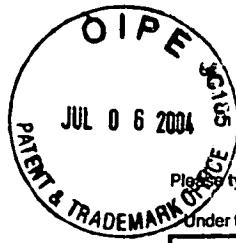
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				First Named Inventor	Richard L. Thibault
				Group Art Unit	2756
				Examiner Name	Not Yet Assigned
Sheet	5	of	7	Attorney Docket Number	102314-0095

		(US), September 11, 1990, (DialogWeb search result).
	BX	"Innovative Small Controller Family offers Full Integration," News Release, Control Technology, August 17, 1989, (DialogWeb search result).
	BY	AC I/O Modules Available for Low-Cost Automation Controller," News Release, Control Technology Corporation, June 28, 1989, (DialogWeb search result).
	BZ	"New Small Automation Controller features Precision Analog I/O Modules," News Release, Control Technology (US), May 30, 1989, (DialogWeb search result).
	CA	"Inexpensive Automation Controller features Message Display Capability," News Release, Control Technology (US), May 19, 1989, (DialogWeb search result).
	CB	"Small Multi-Tasking Controller for Cost-sensitive Applications," News Release, Control Technology US, November 8, 1988, (DialogWeb search result).
	CC	"CAD/CAM Software creates Automation 'Programming Environment'," News Release, Control Technology (US), October 3, 1988, (DialogWeb search result).
	CD	"Automation Programming Environment runs On IBM (R) -PC," News Release, Control Technology (US), March 29, 1988, (DialogWeb search result).
	CE	"Low-Cost Automation Controller features Motion Control, Communications," News Release, Control Technology (US), March 7, 1988, (DialogWeb search result).
	CF	"System Provides Stepping Motor Control in Workcell Environment," News Release, Control Technology Corp., December 5, 1986, (DialogWeb search result).
	CG	"Multi-Tasking Controller provides High-level Instructions for Motion Control, Sequencing," News Release, Control Technology Corporation, August 22, 1986, (DialogWeb search result).
	CH	"Operator's Console creates 'Friendly' Machines," News Release, Control Technology (US), May 19, 1986, (DialogWeb search result).
	CI	"Automation Controller features fast 80186 Processor, Integrated Software," News Release, Control Technology (US), April 22, 1986, (DialogWeb search result).
	CJ	"Plug-Compatible Controls and Actuators Speed System Development," News Release, Control Technology (US), January 13, 1986, (DialogWeb search result).
	CK	"Modular Valve Assemblies Connect to Controller with Ribbon Cable," New Product Release, Control Technology (US), January 8, 1986, (DialogWeb search result).
	CL	"Linear Actuators offer Plug-Compatibility with Controller," News Release, Control Technology (US), November 21, 1985, (DialogWeb search result).
	CM	"Compact System combines Motion Control, Machine Control," News Release, Control Technology, May 28, 1985, (DialogWeb search result).
	CN	"Automation Controller accepts Customization," News Release, Control Technology, July 12, 1985, (DialogWeb search result).
	CO	"SECS-11 Communication Board Plugs into Automation Controller," News Release, Control Technology, August 26, 1985, (DialogWeb search result).
	CP	"Operator's Console for Automated Machines," News Release, Control Technology, August 15, 1985, (DialogWeb search result).
	CQ	"Programmable Controller offers control of Stepping and Servo Motors," News Release, Control Technology, May 31, 1985, (DialogWeb search result).
	CR	Taylor, Ken and Trevelyan, James, "A Telerobot on the World Wide Web," printed from <a href="http://telerobot.mech.uwa.edu.au/ROBOT/telerobo.htm">http://telerobot.mech.uwa.edu.au/ROBOT/telerobo.htm</a> (14 pages).
	CS	"On-Line Vending Machine and Catalog Product Icons," IBM TDB, v. 38, n. 4 (April

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V./



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Sheet	6	of	7	Attorney Docket Number	102314-0095

		1995), pp. 113-116.	
	CT	Tinham, Brian, "Getting SCADA by web browsner? Supervisory Control and Data Acquisition," Control and Instrumentation, No. 12, Vol. 28, December 1996, p. 5.	
	CU	"Wizards wheel over SCADA systems; Supervisory Control and Data Acquisition," Control and Instrumentation, No. 12, Vol. 28, December 1996, p. 23.	
	CV	Fulcher, Jim and Dilger, Karen Abramic, "Soft control, Internet spark ISA/96," Manufacturing Systems, Vol. 14, No. 12, December 1996, pp. 40-46.	
	CW	"Information technology in manufacturing," Manufacturing Systems, Vol. 14, No. 12, December 1996, pp. 54-78.	
	CX	"A sensation in supervisory control," Manufacturing Systems (Windows NT in manufacturing Supplement), October 1996, pp. 12A-24A.	
	CY	Demetratkes, Pam. "Go with the info flow; state-of-the-art automation in the food industry; includes related article on computer software for food processors," Food Processing, Vol. 57, No. 7, July 1996, P. 47.	
	CZ	"New Products Provide Interactive Graphics Over Web Using Netscape Plug-Ins and Java," PR Newswire, May 20, 1996.	
	DA	"Integrated Systems; Industry's top embedded operating software supports Java," M2 Presswire, March 4, 1996.	
	DB	"ErgoTech upgrades ErgoCim; First 'plug and play' component software for manufacturing," Business Wire, February 15, 1996.	
	DC	"Embedded Systems Conference Addresses the Increasing Complexity of Electronic Systems Design; Technical Program and Exhibits Help Embedded Systems Design Professionals Keep Pace with Rapid Change," PR Newswire, December 27, 1995.	
	DD	"Industry's top embedded operating software supports Java; pSOSystem enables Embedded Internet applications and Low-cost Internet appliances," Business Wire, February 1, 1996.	
	DE	"Gensym introduces G2 WebMiner for accessing and reasoning about data from the World Wide Web," Business Wire, May 15, 1996.	
	DF	"Gensym introduces Internet connectivity for its G2 family of intelligent real-time software," Business Wire, March 18, 1996.	
	DG	"Gensym Announces Its Initiative for Leveraging Intelligent Systems with Internet/Intranet Technology," Business Wire, October 7, 1997.	
	DH	"At Interop, Will ToasterNet Be on the Hot List?" Data Communications, Vol. 19, No. 13, October 1990, P. 214.	
	DI	Zeff, Joe. "Maui Sunset in Real Time (Modems not Optional)," The New York Times, November 27, 1995, Section D, Column 2, P. 5.	
	DJ	Toner, Mike. "Web's view of world far and wide," The Houston Chronicle, November 5, 1995, P. 6.	
	DK	"Internet windows to the world," New Media Age, October 26, 1995, p. 4.	
	DL	Foster, Kirsten. "surf's up; lights, camera, but no action; Steve is a Tech-Nomad. He wanders the streets with a camera on his head. And he wants you to join him," The Independent (London), August 13, 1995, p. 10.	
	DM	Henry, Jim, Ph.D., P.E. "Implementation of Practical Control Systems: Problems and Solutions," web page print-out from <a href="http://chem.engr.utc.edu/Documents/MACSCITECH/MACSCITECHpaper1.html">http://chem.engr.utc.edu/Documents/MACSCITECH/MACSCITECHpaper1.html</a> (22 pages).	
	DN	"Jim Henry's 1996 ASEE Paper," web page print-out from	

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Sheet	7	of	7	Attorney Docket Number	102314-0095

		http://chem.engr.utc.edu/Documents/ASEE-96-full.html (5 pages).	
	DO	Henry, Jim, Ph.D., P.E. "LabVIEW Applications in Engineering Labs: Controls, Chemical, Environmental," ASEE Conference, Anaheim, CA, June 25 – 28, 1995, web page print-out from http://chem.engr.utc.edu/Documents/ASEE-95-full.html (22 pages).	
	DP	"Breaking News for Invensys Software Systems Employees; iBaan and FactorySuite 2000 Integration Announced," internal e-mail dated March 23, 2001.	
	DQ	Gertz, Matthew, et al. "A Human-Machine Interface for Distributed Virtual Laboratories," IEEE Robotics & Automation Magazine 1 (1994) December, No. 4 (New York) pp. 5-13.	
	DR	Soreide, N. N., et al. "Mosaic access to real-time data from the TOGA-TAO array of moored buoys," Computer Networks and ISDN Systems 28 (1995), pp. 189-197.	
	DS	Goldstein, Ira and Hardin, Joseph. "Guest editorial," Computer Networks and ISDN Systems 28 (1995) p. 1.	
	DT	Slater, A. F. "Controlled by the Web," Computer Networks and ISDN Systems 27 (1994) pp. 289-295.	
	DU	Goldberg, Ken, et al. "Beyond the Web: manipulating the real world," Computer Networks and ISDN Systems 28 (1995) pp. 209-219.	
	DV	Goldstein, Ira and Hardin, Joseph, "Guest editorial," Computer Networks and ISDN Systems 28 (1995) p. 1.	
	DW	Goldberg, Ken, et al. "Desktop Teleoperation via the World Wide Web," IEEE International Conference on Robotics and Automation, pp. 654 – 659.	
	DX	"Disk Drive with Embedded Hyper-Text Markup Language Server," IBM TDB, December 1995.	

Examiner Signature	/Thong Vu/	Date Considered	
--------------------	------------	-----------------	--

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09/379,074

## INFORMATION DISCLOSURE STATEMENT

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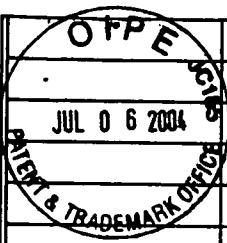
Applicant: Thibault, et al

Filing Date: 8/23/99  
Group: 2756

## U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date
	3,825,905	Allen Jr.	July 23, 1974
	3,810,119	Zieve et al.	May 7, 1974
	4,096,566	Borie et al.	Jun. 20, 1978
	4,302,820	Struger et al.	Nov. 24, 1981
	4,312,068	Goss et al.	Jan. 19, 1982
	4,323,966	Whiteside et al.	Apr. 6, 1982
	4,347,563	Paredes et al.	Aug. 31, 1982
	4,410,942	Milligan et al.	Oct. 18, 1983
	4,423,486	Berner	Dec. 27, 1983
	4,428,044	Liron	Jan. 24, 1984
	4,435,762	Milligan et al.	Mar. 6, 1984
	4,456,997	Spitza	Jun. 26, 1984
	4,466,098	Southard	Aug. 14, 1984
	4,471,457	Videki, II	Sep. 11, 1984
	4,488,226	Wagner, Jr. et al.	Dec. 11, 1984
	4,493,027	Katz et al.	Jan. 8, 1985
	4,609,995	Hasebe	Sep. 2, 1986
	4,615,001	Hudgins, Jr.	Sep. 30, 1986
	4,628,437	Poschmann et al.	Dec. 9, 1986
	4,641,276	Dunki-Jacobs	Feb. 3, 1987
	4,648,064	Morley	Mar. 3, 1987
	4,649,479	Advani et al.	Mar. 10, 1987
	4,663,704	Jones et al.	May 5, 1987
	4,672,530	Schuss	Jun. 9, 1987
	4,675,812	Capowski et al.	Jun. 23, 1987
	4,682,304	Tierney	Jul. 21, 1987
	4,683,530	Quatse	Jul. 28, 1987
	4,692,859	Ott	Sep. 8, 1987
	4,692,918	Elliott et al.	Sep. 8, 1987
	4,703,421	Abrant et al.	Oct. 27, 1987
	4,709,325	Yajima	Nov. 24, 1987
	4,719,593	Threewitt et al.	Jan. 12, 1988
	4,727,477	Gavril	Feb. 23, 1988
	4,733,366	Deyesso et al.	Mar. 22, 1988
	4,742,349	Miesterfeld et al.	May 3, 1988
	4,750,109	Kita	Jun. 7, 1988

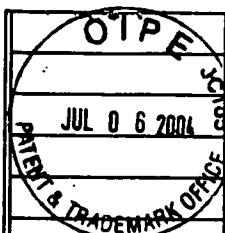
ALL REFERENCES CITED, DECEMBER 1988, WHERE LINED THROUGH. (T.V.)



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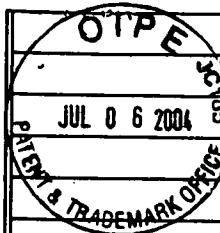
4,805,107	Kieckhafer et al.	Feb. 14, 1989
4,816,996	Hill et al.	Mar. 28, 1989
4,817,094	Lebizay et al.	Mar. 28, 1989
4,872,106	Slater	Oct. 3, 1989
4,910,658	Dudash et al.	Mar. 20, 1990
4,910,691	Skeirik	Mar. 20, 1990
4,958,277	Hill et al.	Sep. 18, 1990
4,959,774	Davis	Sep. 25, 1990
4,965,717	Cutts, Jr. et al.	Oct. 23, 1990
4,965,742	Skeirik	Oct. 23, 1990
4,965,880	Petitjean	Oct. 23, 1990
4,991,170	Kem	Feb. 5, 1991
5,008,805	Fiebig et al.	Apr. 16, 1991
5,050,165	Yoshioka et al.	Sep. 17, 1991
5,068,778	Kosem et al.	Nov. 26, 1991
5,129,087	Will	Jul. 7, 1992
5,134,574	Beaverstock et al.	Jul. 28, 1992
5,136,704	Danielsen et al.	Aug. 4, 1992
5,138,708	Vosbury	Aug. 11, 1992
5,146,589	Peet, Jr. et al.	Sep. 8, 1992
5,151,981	Westcott et al.	Sep. 29, 1992
5,162,986	Graber et al.	Nov. 10, 1992
5,163,055	Lee et al.	Nov. 10, 1992
5,166,685	Campbell, Jr. et al.	Nov. 24, 1992
5,168,276	Huston et al.	Dec. 1, 1992
5,175,829	Stumpf et al.	Dec. 29, 1992
5,193,175	Cutts, Jr., et al.	Mar. 9, 1993
5,212,784	Sparks	May 18, 1993
5,233,615	Goetz	Aug. 3, 1993
5,255,367	Bruckert et al.	Oct. 19, 1993
5,258,999	Wernimont et al.	Nov. 2, 1993
5,271,013	Gleeson	Dec. 14, 1993
5,283,729	Lloyd	Feb. 1, 1994
5,289,365	Caldwell et al.	Feb. 22, 1994
5,295,258	Jewett et al.	Mar. 15, 1994
5,302,952	Campbell, Jr. et al.	Apr. 12, 1994
5,303,227	Herold et al.	Apr. 12, 1994
5,303,375	Collins et al.	Apr. 12, 1994
5,303,392	Carney et al.	Apr. 12, 1994
5,307,372	Sawyer et al.	Apr. 26, 1994
5,317,726	Horst	May 31, 1994
5,335,221	Snowbarger et al.	Aug. 2, 1994
5,347,181	Ashby et al.	Sep. 13, 1994
5,349,343	Oliver	Sep. 20, 1994
5,352,033	Gresham et al.	Oct. 4, 1994
5,359,721	Kempf et al.	Oct. 25, 1994
5,381,529	Matsushima	Jan. 10, 1995

ALL PAGES BEING PRESENT CONSIDERED EXCEPT THOSE HERE LINED THROUGH T.V./



5,398,331	Juang et al.	Mar. 14, 1995
5,400,140	Johnston	Mar. 21, 1995
5,410,717	Floro	Apr. 25, 1995
5,428,781	Duault et al.	Jun. 27, 1995
5,434,997	Laundry et al.	Jul. 18, 1995
5,444,851	Woest	Aug. 22, 1995
5,450,403	Ichii et al.	Sept. 12, 1995
5,450,425	Gunn et al.	Sep. 12, 1995
5,450,764	Johnston	Sep. 19, 1995
5,451,939	Price	Sep. 19, 1995
5,457,797	Butterworth et al.	Oct. 10, 1995
5,459,839	Swarts et al.	Oct. 17, 1995
5,463,735	Pascucci et al.	Oct. 31, 1995
5,475,856	Kogge	Dec. 12, 1995
5,481,741	McKaskle et al.	Jan. 2, 1996
5,483,660	Yishay et al.	Jan. 9, 1996
5,485,620	Sadre et al.	Jan. 16, 1996
5,504,902	McGrath et al.	Apr. 2, 1996
5,509,811	Homic	Apr. 23, 1996
5,513,095	Pajonk	Apr. 30, 1996
5,513,192	Janku et al.	Apr. 30, 1996
5,513,354	Dwork et al.	Apr. 30, 1996
5,517,655	Collins et al.	May 14, 1996
5,519,701	Colmant et al.	May 21, 1996]
5,522,044	Pascucci et al.	May 28, 1996
5,530,643	Hodorowski	Jun. 25, 1996
5,539,909	Tanaka et al.	Jul. 23, 1996
5,544,008	Dimmick, et al.	Aug. 6, 1996
5,550,980	Pascucci et al.	Aug. 27, 1996
5,551,047	Mori et al.	Aug. 27, 1996
5,555,213	DeLong	Sep. 10, 1996
5,555,437	Packer	Sep. 10, 1996
5,555,510	Versepuit et al.	Sep. 10, 1996
5,559,963	Gregg et al.	Sep. 24, 1996
5,568,378	Wojsznis	Oct. 22, 1996
5,572,673	Shurts	Nov. 5, 1996
5,576,946	Bender et al.	Nov. 19, 1996
5,579,487	Meyerson et al.	Nov. 26, 1996
5,581,760	Atkinson et al.	Dec. 3, 1996
5,586,112	Tabata	Dec. 17, 1996
5,586,329	Knudsen et al.	Dec. 17, 1996
5,586,330	Knudsen et al.	Dec. 17, 1996
5,587,899	Ho et al.	Dec. 24, 1996
5,594,899	Knudsen et al.	Jan. 14, 1997
5,596,752	Knudsen et al.	Jan. 21, 1997
5,600,845	Gilson	Feb. 4, 1997
5,604,871	Pecone	Feb. 18, 1997

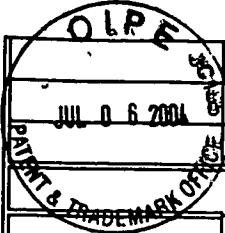
ALL REFERENCES CONSIDERED EXCEPT, 1997, WHERE LINED THROUGH. T.V./



5,613,141	Jezviner et al.	Mar. 18, 1997
5,617,540	Civanlar et al.	Apr. 1, 1997
5,627,979	Chang et al.	May 6, 1997
5,629,949	Zook	May 13, 1997
5,630,056	Horvath et al.	May 13, 1997
5,630,152	DeLuca et al.	May 13, 1997
5,664,168	Yishay et al.	Sep. 2, 1997
5,642,511	Chow et al.	Jun. 24, 1997
5,649,121	Budman et al.	Jul. 15, 1997
5,655,092	Ojala	Aug. 5, 1997
5,659,680	Cunningham et al.	Aug. 19, 1997
5,671,374	Postman et al.	Sep. 23, 1997
5,676,141	Hollub	Oct. 14, 1997
5,680,404	Gray	Oct. 21, 1997
5,680,409	Qin et al.	Oct. 21, 1997
5,682,476	Tapperson et al.	Oct. 28, 1997
5,687,316	Graziano et al.	Nov. 11, 1997
5,701,414	Cheng et al.	Dec. 23, 1997
5,708,779	Graziano et al.	Jan. 13, 1998
5,727,128	Morrison	Mar. 10, 1998
5,748,467	Qin et al.	May 5, 1998
5,752,007	Morrison	May 12, 1998
5,752,008	Bowling	May 12, 1998
5,758,073	Liang et al.	May 26, 1998
5,758,075	Graziano et al.	May 26, 1998
5,768,119	Havekost et al.	Jun. 16, 1998
5,777,874	Flood et al.	Jul 7, 1998
5,790,791	Chong et al.	Aug. 4, 1998
5,793,963	Tapperson et al.	Aug. 11, 1998
5,796,602	Wellan et al.	Aug. 18, 1998
5,797,038	Crawford et al.	Aug. 18, 1998
5,801,942	Nixon et al.	Sep. 1, 1998
5,805,922	Sim et al.	Sep. 8, 1998
5,822,220	Baines	Oct. 13, 1998
5,828,851	Nixon et al.	Oct. 27, 1998
5,841,963	Nakamikawa et al.	Nov. 24, 1998
5,854,944	Catherwood et al.	Dec. 29, 1998
5,862,052	Nixon et al.	Jan. 19, 1999
5,872,992	Tietjen et al.	Feb. 16, 1999
5,873,089	Regache	Feb. 16, 1999

## FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /					



#### OTHER DOCUMENTS

Stevens, et al. "TCP/IP Illustrated, Vol. 1. The Protocols," *TCP/IP Illustrated* vol. 1, XP-002106390, pp. 85-96.

*ICCard Design* September/October 1995.

Strack, Bob. "The HAWK is Soaring," *Chemical Processing* (May 1996) p. 11.

"Control System Features Plug-and-Play Technology, Scalability," *Chemical Processing* (May 1996), p. 33.

"Editors' Product Picks," *Chemical Processing* (May 1996), p. 34.

#### EXAMINER

#### DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Notice of References Cited	Application/Control No.	Applicant(s)/Patent Under Reexamination
	09/379,074	THIBAULT ET AL.
	Examiner	Art Unit
	Thong H Vu	2142

#### U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-US005442791A ✓	08-1995	Wrabetz et al	709/330
B	US-US005922050A	07-1999	Madany	709/222
C	US-US005838910A	11-1998	Domenikos et al	709/203
D	US-US005956484A	09-1999	Resenberg et al	709/203
E	US-US005561770A ✓	10-1996	de Bruijin et al	709/225
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

#### FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
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Q					
R					
S					
T					

#### NON-PATENT DOCUMENTS

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V	
W	
X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



### Notice of References Cited

Application/Control No.

09/379,074

Applicant(s)/Patent Under

Reexamination

THIBAULT ET AL.

Examiner

Thong H Vu

Art Unit

2152

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#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5708709	01-1998	Rose	705/59
*	B	US-5706502	01-1998	Foley et al	707/10
*	C	US-5572643	11-1996	Judson	709/218
	D	US-6219708 B1	04-2001	Martenson	709/226
	E	US-5922050	07-1999	Madany	709/222
	F	US-5946487	08-1999	Dangelo	717/148
	G	US-6131067	10-2000	Gererd et al	701/213
	H	US-5805442	09-1998	Crater et al	700/9
	I	US-5761421	06-1998	Van Hoff et al	709/223
	J	US-			
	K	US-			
	L	US-			
	M	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Mark R. Brown, Using Netscape 2, 1995
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.